

ORDINANCE-O- 2012-85

A BILL FOR AN ORDINANCE REPEALING AND REENACTING CHAPTER 16.06 OF
THE LONGMONT MUNICIPAL CODE, ADOPTING BY REFERENCE THE 2012 EDITION
OF THE INTERNATIONAL RESIDENTIAL CODE

THE COUNCIL OF THE CITY OF LONGMONT, COLORADO, ORDAINS:

Section 2. International Residential Code and Appendices Adopted.

Chapter 16.06 of the Longmont Municipal Code is hereby repealed and reenacted to read
as follows:

16.06.010 International Residential Code for One and Two Family Dwellings,
including Appendix Chapters F, H and K adopted.

Pursuant to Part 2 of Article 16 of Title 31, CRS, as amended, and Article
IV, Municipal Charter of the City of Longmont, Colorado, there is adopted, as the
building code of the City for detached one and two family dwellings, multiple
single family dwellings (townhouses) not more than three stories in height with a
separate means of egress, and their accessory structures, by reference thereto, the
International Residential Code for One and Two Family Dwellings, 2012 Edition,
including Appendix Chapters F, H and K published by the International Code
Council, Inc., 4051 West Flossmoor Road,, Country Club Hills, IL 60478, that
code to have the same force and effect as if set forth in this chapter in every
particular, save and except such portions as are added, amended, deleted, or
replaced in this chapter. The adopted code includes comprehensive provisions
and standards regulating the construction, alteration, movement, enlargement,
replacement, repair, equipment, use and occupancy, location, removal, and
demolition of buildings and structures for the purpose of safeguarding life or
limb, health, and public welfare. All references in this code to the International
Residential Code are to the edition referenced above.

16.06.020 Copies of code--Filing for public inspection.

At the time of adoption, one certified true copy of the International
Residential Code for One and Two Family Dwellings, published by the
International Code Council is on file in the office of the city clerk and may be
inspected by any interested person between eight a.m. and five p.m., Monday

1 through Friday, holidays excepted. The city shall keep a copy of the adopted code
2 in the office of the chief enforcement officer for public inspection. The building
3 code, as finally adopted, is available for sale at the office of the city clerk, at a
4 price reflecting cost to the city as established by the city manager, pursuant to this
5 municipal code.

6 16.06.030 Section R101.1 amended—Title.

7 Section R101.1 of the International Residential Code is amended by
8 insertion of “the City of Longmont” in the brackets.

9 16.04.040 Section R101.2 deleted -- Scope

10 Section R101.2 of the International Residential Code is amended by the
11 deletion of exceptions 1 and 2.

12 16.06.050 Section R105.2 amended--Work exempt from permit.

13 Section R105.2 of the International Residential Code is amended by
14 revising the following subsections listed under Building; subsection 1. Change
15 200 to 120 square feet; and by deleting subsections 2 and 10.

16 16.06.060 Section R106.3.1 amended -- Approval of construction documents

17 Section R106.3.1 of the International Residential Code is amended by the
18 following revision to sentence one:

19 When the building official issues a permit, the construction documents
20 shall be approved, in writing or by a stamp which states “APPROVED AS
21 NOTED.” One set of construction documents so reviewed shall be retained by the
22 building official. The other set shall be returned to the applicant, shall be kept at
23 the site of the work and shall be open to inspection by the building official or his
24 or her authorized representative.

25 16.06.070Section R108.2 amended--Schedule of permit fees.

26 Section R108.2 of the International Residential Code is amended by
27 addition of the following:

28 Fees for any permit, plan review or inspection required by this code shall
29 be established from time to time by resolution of the city council.

30 16.06.080 Section R112 replaced--Board of Appeals.

1 Section R112 of the International Residential Code is deleted in its
2 entirety and replaced with the following:

3 R112.1 General. For provisions relating to the board of appeals, see
4 chapter 16.30 of the Longmont municipal code.

5 16.06.090 Section R113 replaced--Violations.

6 Section R113 of the International Residential Code is deleted in its
7 entirety and replaced with the following:

8 R113.1 Unlawful acts. It is unlawful for any person to erect, install, alter,
9 repair, relocate, add to, replace, demolish, use, occupy or maintain any building or
10 structure, or cause or permit the same to be done, in violation of this code.

11 R113.2 Violation. Any person committing or permitting a violation of this
12 code commits a separate offense for each day or part of a day during which the
13 violation exists. Offenses are punishable according to Chapter 1.12 of the
14 Longmont municipal code.

15 R113.3 Violation penalties. Imposition of one penalty for any violation
16 shall not excuse the violation nor permit it to continue, and all such persons shall
17 correct or remedy such violations or defect within a reasonable time.

18 R113.4 Prosecution of violation. In addition to any other penalties, any
19 violation of this code is a public nuisance and shall be enjoined by a court of
20 competent jurisdiction. Nothing in this code shall prevent the city attorney from
21 seeking appropriate legal or equitable relief from any court of competent
22 jurisdiction.

1 16.06.100 Section R202 amended--Definitions.

2 Section R202 of the International Residential Code is amended by the
3 addition of the following:

4 **BEDROOM/SLEEPING ROOM:** An enclosed space within a dwelling
5 unit, used or intended to be used for sleeping purposes, meeting the minimum
6 area requirements of the building code or containing a closet or similar area which
7 is easily converted into a closet (such space needs only doors to become a closet).

8 **FLOOR AREA GROSS:** Shall be as defined in Section 202 of the
9 International Building Code, 2012 Edition.

10 **STORY ABOVE GRADE PLANE:** Any story having its finished floor
11 surface entirely above grade plane, except that a basement shall be considered as a
12 story above grade plane where the finished surface of the floor above the
13 basement meets any one of the following:

- 14 1. Is more than 6 feet above grade plane.
15 2. Is more than 6 feet above the finished ground level for more than 50 percent of
16 the total building perimeter.
17 3. Is more than 12 feet above the finished ground level at any point.

18 **UNUSUALLY TIGHT CONSTRUCTION:** Shall be defined as construction in
19 which;

- 20 1. Walls and ceilings comprising the building thermal envelope have a continuous
21 water vapor retarder with a rating of 1 perm (5.7·10⁻¹¹ kg/Pa · s · m²) or less with
22 openings therein gasketed or sealed.
23 2. Storm windows or weather stripping is applied around the threshold and jambs
24 of opaque doors and openable windows.
25 3. Caulking or sealants are applied to areas such as joints around window and door
26 frames between sole plates and floors, between wall-ceiling joints, between wall
27 panels, at penetrations for plumbing, electrical and gas lines, and at other similar
28 openings.

29 16.06.110 Section R301.1.3 amended—Engineered design

Section R301.1.3 of the International Residential Code is amended by deleting the last sentence.

16.06.120 Table R301.2(1) amended -- Climatic and geographic design criteria.

Table R301.2(1) of the International Residential Code is amended as follows:

GROUND SNOW LOAD	WIND Speed 3 sec.	SEISMIC DESIGN CATEGORY ^f .g	SUBJECT TO DAMAGE FROM				WINTER DESIGN TEMP ^f	ICE SHIELD	FLOOD HAZARDS ^h	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Gust ^e		Weathering ^a	Frost line depth ^b	Termite ^c	Decay ^d	-2° F (18.9° C)	No	January 1977	979	48.8
30psf	110mph	B	Severe	30 inch (762mm)	Slight to Moderate	None to Slight					

16.06.130 Section R301.2.1 amended--Wind limitations.

Section R301.2.1 of the International Residential Code is amended by replacing the first sentence with the following:

Buildings and portions thereof shall be constructed in accordance with the wind provisions of this code using the basic wind speed in table R301.2 (1).

Section R301.2.1 of the International Residential Code is further amended by replacing the reference to Section R905.2.4 in sentence five with Section R905.

16.06.140 Section R302.1 amended—Exterior Walls

Section R302.1 of the International Residential Code is amended by the deletion of the first sentence and replace it with the following:

Construction, projections, openings and penetrations of exterior walls of dwellings and accessory buildings shall comply with Table R302.1 (1); or dwellings equipped throughout with an automatic sprinkler system installed in accordance with Section P2904 or International Building Code Sections 903.3.1.1, 903.3.1.2 or 903.3.1.3 shall comply with Table R302.1 (2).

Section R302.1 of the International Residential Code is further amended by the addition of the following exception:

1 Exception 6. On exterior walls, where non-combustible cladding is
2 installed over 5/8" Type "X" gypsum sheathing, three feet shall be the minimum
3 fire separation distance.

4 16.06.150 Section R302.2 amended--Townhouses

5 Section R302.2 of the International Residential Code is amended by
6 replacing the one hour fire-resistance-rated wall assembly referenced in the
7 exception to a two hour fire-resistance-rated wall assembly, and the deletion of
8 sentence three in the exception.

9 16.06.160 Section R302.2.4 amended—Structural independence.

10 Section R302.2.4 of the International Residential Code is amended by
11 replacing the reference to a common one hour wall in exception 5 to a "common
12 two-hour fire-resistance-rated wall".

13 16.06.170 Section R302.3 amended—Two family dwellings

14 Section R302.3 of the International Residential Code is amended by
15 deleting exception #1 in its entirety.

16 16.06.180 Section R303.4 amended—Mechanical ventilation

17 Section R303.4 of the International Residential Code is amended by
18 changing the number 5 in sentence one to 3.

19 16.06.190 Section R305.1 amended--Minimum height.

20 Section R305.1 of the International Residential Code is amended by the
21 addition of the following exception:

22 3. Areas of existing basements with ceiling heights below 6'8" in height
23 shall not be considered habitable space and are not subject to variances from the
24 Master Board of Appeals. The Building Official may allow existing basements
25 with ceiling height between 6'8" and 7' to be finished and or occupied as
26 habitable space provided there is no technically feasible solution to comply with
27 the required ceiling height

28 16.06.200 Section R308.4.5 amended—Glazing and wet surfaces

29 Section R308.4.5 of the International Residential Code is amended by the
30 deletion of the exception and adding the following:

31 Glazing that is more than 60 inches, measured horizontally and in a

1 straight line, from the water's edge of a bathtub, shower, hot tub, spa, whirlpool
2 or swimming pool.

3 16.06.210 Section R308.4.6 amended—Glazing adjacent stairs and ramps

4 Section R308.4.6 of the International Residential Code is amended by
5 replacing 36 inches in the first sentence with 60 inches and in the exception,
6 replace the word “rail” with “guard”.

7 16.06.220 Section R310.1 amended--Emergency escape and rescue required

8 Section R310.1 of the International Residential Code is amended by
9 deleting the exception in its entirety and replacing the third sentence with the
10 following:

11 Where emergency escape and rescue openings are provided, they shall
12 have a sill height of not more than 44 inches measured from the finished floor.

13 Section R310.1 is further amended with the deletion of the exception in its
14 entirety.

15 16.06.230 Section R310.2 amended--Window wells

16 Section R310.2 of the International Residential Code is amended by the
17 addition of the following exceptions:

18 2. Buildings constructed with permits issued before March 30, 1986,
19 may use existing egress window wells, which are a minimum of 24
20 inches in depth from the foundation.

21 3. Buildings constructed with permits issued between March 30,
22 1986, and January 1, 1996, may use existing egress window wells,
23 which are 30 inches in depth from the foundation.

24 16.06.240 Section R310.2.2 amended--Drainage

25 Section R310.2.2 of the International Residential Code is amended by
26 deletion of the exception.

27 16.06.250 Section R312.1.2 amended -- Guard Height

28 Section R312.1.2 of the International Residential Code is amended by the
29 deletion of the words “adjacent fixed seating” from the first sentence.

30 16.06.260 Section R313.1 amended – Townhouse automatic fire sprinkler systems

1 Section R313.1 of the International Residential Code is amended by the
2 insertion of “The provisions of this section become effective January 1, 2016,” at
3 the beginning of sentence one.

4 16.06.270 Section R313.2 amended—One- and two-family dwellings automatic
5 fire systems

6 Section R313.2 of the International Residential Code is amended by the
7 insertion of “The provisions of this section become effective January 1, 2016,” at
8 the beginning of sentence one.

9 16.06.280 Section R314.3.1 deleted—Alterations, repairs and additions

10 Section R314.3.1 of the International Residential Code is amended by the
11 deletion of exception 2.

12 16.06.290 Section R315.3 amended – Where required in existing dwellings.

13 Section R315.3 of the International Residential Code is amended by the
14 addition of an exception as follows:

15 Exception: Work involving the exterior surfaces of dwellings, such as the
16 replacement of roofing or siding, or the addition of replacement windows or
17 doors, or the addition of a porch or deck, are exempt from the requirements of this
18 section.

19 16.06.300 Section R322.1.6 amended—Protection of mechanical and electrical
20 systems

21 Section R322.1.6 of the International Residential Code is amended by the
22 addition of exception #2 as follows:

- 23 2. Equipment installed as part of the original construction may be
24 repaired or replaced.

25 16.06.310 Section R403.1.4.1 amended -- Frost protection

26 Section R403.1.4.1 of the International Residential Code is amended by the
27 deletion of item #2, deletion of exceptions #2 and #3 and revising exception #1 to
28 read as follows:

29 Exception: Free-standing buildings meeting the following conditions shall
30 not be required to be protected: Storage building 120 square feet or less with an
31 eave height of 8 feet or less.

1 16.06.320 Section R403.1.8 amended—Foundations on expansive soils

2 Sections R403.1.8 of the International Residential Code is amended by the
3 deletion of this section in its entirety and replacing it with the following:

4 Section R403.1.8 Foundations on expansive soils. Foundations and
5 structural floor slabs for buildings located on expansive soils shall be designed by
6 a Colorado registered professional engineer.

7 16.06.330 Section R403.3 deleted—Frost-protected shallow foundations

8 Section R403.3 of the International Residential Code is amended by the
9 deletion of this section in its entirety.

10 16.06.340 Section R405.1 deleted--Concrete or masonry foundations

11 Section R405.1 of the International Residential Code is amended by the
12 deletion of the exception.

13 16.06.350 Section R405.2.3 amended--Drainage system

14 Section R405.2.3 of the International Residential Code is amended by the
15 deletion of the words “In other than Group I soils,” and replace with “Where
16 allowed by the Longmont Municipal Code,”

17 16.06.360 Section R501.3 amended—Fire protection of floors

18 Sections R501.3 of the International Residential Code is amended by the
19 deletion of exception 2 and replace it with the following and the addition of
20 exception 5:

21 2. Floor assemblies located directly above a crawlspace or basement
22 where fuel fired equipment is not intended to be located.

23 5. For floor assemblies located over a basement or crawl space,
24 furnace closets not larger than 80 square feet constructed per
25 Section R501.3 with minimum 1/2 inch gypsum wallboard on the
26 enclosing walls and a self-closing weatherstripped solid door.

27 16.06.370 Section R507.2.3 amended—Deck lateral load connection

28 Section R507.2.3 of the International Residential Code is amended by the
29 addition of the following exception:

1 Exception: When attaching to existing construction where the interior
2 connection point is completely finished or the deck has been designed by a
3 Colorado registered professional engineer.

4 16.06.380 Section R613.1 amended--General

5 Section R613.1 of the International Residential Code is amended by the
6 deletion of the second sentence and replace it with the following:

7 When the provisions of this section are used to design structural insulated
8 panel walls, project drawings, typical details and specifications are required to
9 bear the seal of the architect or engineer responsible for the design.

10 16.06.390 Section R905.1 amended—Roof covering application

11 Section R905.1 of the International Residential Code is amended by the
12 addition of the following:

13 All roofing materials installed shall carry a wind warrantee by the
14 manufacturer of 110 MPH sustained wind.

15 16.06.400 Section R907.1 amended—General

16 Section R907.1 of the International Residential Code is amended by
17 replacing the first sentence with the following:

18 When a building of any size is subjected to cumulative roof membrane damage of
19 one hundred square feet or greater, the roof shall be replaced in its entirety.
20 Materials and methods of application used for re-covering or replacing an existing
21 roof covering shall comply with the requirements of Chapter 9.

22 16.06.410 Section R907.3 amended—Recovering versus replacement

23 Section R907.3 of the International Residential Code is amended by
24 replacing condition 3 with the following:

25 3. Where the existing roof has one or more applications of any type of roof
26 covering.

27 16.06.420 Section N1101.9 addition—Defined terms

28 Section N1101.9 of the International Residential Code is amended by the
29 addition of the following:

30 BEDROOM/SLEEPING ROOM: An enclosed space within a dwelling
31 unit, used or intended to be used for sleeping purposes, meeting the minimum

1 area requirements of the building code or containing a closet or similar area which
2 is easily converted into a closet (such space needs only doors to become a closet).

3 CONDITIONED SPACE: For energy purposes, space within a building
4 that is provided with heating and/or cooling equipment or systems capable of
5 maintaining, through design or heat loss/gain, 50 degrees Fahrenheit during the
6 heating season and 85 degrees Fahrenheit during the cooling season, or
7 communicates directly with a conditioned space. For mechanical purposes, an
8 area, room or space being heated or cooled by any equipment or approved heating
9 appliance.

10 UNUSUALLY TIGHT CONSTRUCTION: Construction meeting the
11 following requirements:

12 In buildings of unusually tight construction, combustion air shall be
13 obtained from outside the sealed thermal envelope. In buildings of ordinary
14 tightness, insofar as infiltration is concerned, all or a portion of the combustion air
15 for fuel-burning appliances may be obtained from infiltration when the room or
16 space has a volume of 50 cubic feet per 1,000 Btu/h input. Buildings classified as
17 Group R occupancies, constructed with permits issued on or after March 1, 1989,
18 are classified as buildings with unusually tight construction.

19 16.06.430 Section N1101.11 amended—Interior design conditions

20 Section N1101.11 of the International Residential Code is amended by the
21 addition of the following:

22 The residential design parameters shall be -2 degrees Fahrenheit heating
23 design and 91 degrees Fahrenheit cooling design.

24 16.06.440 Section N1101.16 amended--Certificate

25 Section N1101.16 of the International Residential Code is amended by
26 replacing the first two sentences with the following:

27 A permanent certificate shall be posted in a conspicuous location on the
28 job site.

29 16.06.450 Section N1102.4.1 amended—Building thermal envelope

30 Section R402.4.1 of the International Residential Code is amended by replacing
31 the first two sentences with the following:

1 The building thermal envelope shall comply with Section R402.4.1.1. The
2 building thermal envelope shall be durably sealed to limit infiltration. The sealing
3 methods between dissimilar materials shall allow for differential expansion and
4 contraction. The following shall be caulked, gasketed, weatherstripped or otherwise
5 sealed with an air barrier material, suitable film or solid material:

- 6 1. All joints, seams and penetrations
- 7 2. Site-built windows, doors and skylights
- 8 3. Openings between window and door assemblies and their respective jambs and
9 framing
- 10 4. Utility penetrations
- 11 5. Dropped ceilings or chases adjacent to the thermal envelope
- 12 6. Knee walls
- 13 7. Walls and ceilings separating a garage from conditioned space
- 14 8. Behind tubs and showers on exterior walls
- 15 9. Common walls between dwelling units
- 16 10. Attic access openings
- 17 11. Rim joist junction
- 18 12. All other sources of infiltration

19 16.06.460 Section N1102.4.1.1 amended—Installation

20 Section N1102.4.1.1 of the International Residential Code is amended by the
21 deletion of sentence two and insert the following:

22 Where required by the code official, an approved third party shall inspect all
23 components and verify compliance in accordance with Section R402.4.1.2.

24 16.06.470 Section N1102.4.1.2 amended—Testing

25 Section N1102.4.1.2 of the International Residential Code is amended by
26 changing the 3 air changes per hour in zones 3 through 8 in sentence one to 5.

27 16.06.480 Section N1103.5 amended—Mechanical ventilation

28 Section N1103.5 of the International Residential Code is amended by the addition
29 of the following exception:

30 Exception: Combustion air intake for natural draft vented water heaters.

31 16.06.490 Section N1103.9.3 amended—Covers

1 Section N1103.9.3 of the International Residential Code is amended by the
2 deletion of sentence one and insert the following:

3 Heated pools and inground permanently installed spas heated to 90 degrees
4 Fahrenheit or higher shall be provided with a vapor-retardant cover.

5 16.06.500 Section M1601.1.1 amended--Above-ground duct systems

6 Section M1601.1 International Residential Code is amended by deleting item #7
7 and replace with the following:

8 7. Stud wall cavities and spaces between solid floor joists shall not be
9 used for supply or return air and shall not be part of a required fire-resistance-
10 rated assembly.

11 16.06.510 Section M1602.1 amended--Return air

12 Section M1602.1 of the International Residential Code is amended by
13 addition of the following:

14 A ducted return shall be provided from a central location at each floor
15 level, and all rooms or areas shall have an approved means of pressure relief
16 through permanent openings, such as ducted returns, jumper ducts or transfer
17 grills. A minimum 1/3 of the area of return air openings in a multi story building
18 shall be located within two feet of the uppermost ceiling height of any upper floor
19 unless a multi- furnace system is installed.

20 Exception: The building official may modify the requirement for height of return
21 air openings due to structural limitations or practical difficulties.

22 16.06.520 Section M1701.1 amended--Scope

23 Section M1701.1 of the International Residential Code is amended
24 by the addition of Section M1701.1.1 all air from indoors. Combustion and
25 dilution air shall be permitted to be obtained entirely from the indoors in buildings
26 that are not of unusually tight construction, in accordance with provisions of the
27 2012 International Fuel Gas Code Section 304.5 as amended.

28 Buildings classified as Group R occupancies, constructed with permits
29 issued on or after March 1, 1989, are classified as buildings of unusually tight
30 construction. For buildings of unusually tight construction, combustion air shall

1 be obtained from the outdoors in accordance with provisions of the 2012
2 International Fuel Gas Code Section 304.6 as amended.

3 Exception: Buildings classified as Group R or single family occupancies
4 shall be provided with a minimum 28 inch² opening to outdoor air at the
5 time of replacement or addition of fuel utilization equipment for which a
6 permit is required.

7 16.06.530 Section M2005.1 amended--General

8 Section M2005.1 of the International Residential Code is amended by the
9 addition of the following:

10 The minimum Energy Factor for residential water heaters shall be .64 for
11 fuel-fired types, and .97 for electric types.

12 16.06.540 Section G2403 amended—General definitions

13 Section G2403 of the International Residential Code is amended by the
14 addition of the following definitions:

15 BEDROOM/SLEEPING ROOM: An enclosed space within a dwelling
16 unit, used or intended to be used for sleeping purposes, meeting the minimum
17 area requirements of the building code or containing a closet or similar area which
18 is easily converted into a closet (such space needs only doors to become a closet).

19 16.06.550 Section G2404.2 amended--Other fuels

20 Section G2404.2 of the International Residential Code is revised by
21 adding section G2404.2.1 “Fuel gas prohibited. Liquefied petroleum gas shall not
22 be used as a fuel source for equipment in any occupancy”.

23 Exception: Construction or temporary heating in accordance with the fire
24 code.

25 16.06.560 Section G2417.4.1 amended--Test Pressure

26 Section G2417.4.1 of the International Residential Code is revised by
27 replacing the first sentence with “The test pressure to be used shall not be less
28 than 10 pounds per square inch”.

29 16.06.570 Section G2417.4.2 amended--Test Duration

30 Section G2417.4.2 of the International Residential Code is revised by
31 replacing the words “10 minutes” with the words “15 minutes”.

1 16.06.580 Section P2503.5.1 amended—Rough plumbing

2 Section P2503.5.1 of the International Residential Code is amended by the
3 replacing the first sentence with the following:

4 DWV systems shall be tested on completion of the rough piping
5 installation by water or by air with no evidence of leakage.

6 16.06.590 Section P2603.5 amended--Freezing

7 Section P2603.5 of the International Residential Code is amended by the
8 deletion of the second sentence, and replaced with the following: “Exterior water
9 supply system piping shall be installed not less than 54 inches below grade”.

10 16.06.600 Section P2603.5.1 amended—Sewer depth

11 Section P2603.5.1 of the International Residential Code is amended by the
12 insertion of “24” (inches) in the two sets of brackets.

13 16.06.610 Section P2713.3 deleted--Bathtub and whirlpool bathtub valves

14 Section P2713.3 of the International Residential Code is deleted in its entirety.

15 16.06.620 Section P2902.5.3 amended--Lawn Irrigation Systems

16
17 Section P2902.5.3 of the International Residential Code is amended by addition of
18 the following sentence:

19 All lawn irrigation systems shall be equipped with a rain sensing device.

20 16.06.630 Section P2904.1 amended--Dwelling Unit Fire Sprinkler Systems

21 Section P2904.1 of the International Residential Code sentence one is
22 revised by adding the words “The provisions of this section become effective
23 January 1, 2016”, to the beginning of this section.

24 16.06.640 Section P3009 amended—Gray water recycling systems

25 Section P3009 of the International Residential Code is deleted in its
26 entirety.

27 16.06.650 Part VIII Electrical—deleted Chapters 34 through 43

28 Part VIII or Chapters 34 through 43 of the International Residential Code
29 are deleted in their entirety. All electrical code provisions must comply with the
30 currently adopted National Electric Code.

31 16.06.660 Section AF101.1 amended--Scope

1 Section AF 101.1 of the International Residential Code is amended with
2 the addition to the first sentence with the following:

3 “These provisions apply to the installation of a passive system”.

4 16.06.670 Section AF103.3 amended—Soil-gas-retarder

5 Section AF 103.3 of the International Residential Code is amended with
6 the deletion to the beginning of first sentence of the word “A” and replace it with
7 the words “An optional”.

8 16.06.680 Section AF103.5.1 deleted--Ventilation

9 Section AF 103.5.1 of the International Residential Code is deleted in its
10 entirety.

11 16.06.690 Section AF103.5.3 amended--Vent pipe

12 Section AF 103.5.3 of the International Residential Code is amended by
13 replacing the first sentence with the following:

14 “A plumbing tee or other approved connection shall be inserted
15 horizontally beneath the slab in basement construction or sheeting in crawl space
16 construction and connected to a minimum 4 inch diameter fitting with a 6 inch
17 vertical vent pipe installed through the slab or sheeting”.

18 And, the addition after the last sentence with the following:

19 “Provide an approved weather tight termination cap.”

20 “Note: The pipe in the attic may be reduced to 4 inch”.

21 16.06.700 Section AF103.6.1 amended--Vent pipe

22 Section AF 103.6.1 of the International Residential Code is amended by
23 replacing the reference to “3” inch diameter pipe in this section to “minimum 4
24 inch.”

25 And, the addition after the last sentence with the following:

26 “Provide an approved weather tight termination cap.”

27 “Note: The pipe in the attic may be reduced to 4 inch”.